

Table II. EPCRA Section 313 Chemical List For Reporting Year 2011 (including Toxic Chemical Categories)

Individually listed EPCRA Section 313 chemicals with CAS numbers are arranged alphabetically starting on page II-3. Following the alphabetical list, the EPCRA Section 313 chemicals are arranged in CAS number order. Covered chemical categories follow.

Certain EPCRA Section 313 chemicals listed in Table II have parenthetic “qualifiers.” These qualifiers indicate that these EPCRA Section 313 chemicals are subject to the section 313 reporting requirements if manufactured, processed, or otherwise used in a specific form or when a certain activity is performed. The following chemicals are reportable only if they are manufactured, processed, or otherwise used in the specific form(s) listed below:

Chemical	CAS Number	Qualifier
Aluminum (fume or dust)	7429-90-5	<u>Only</u> if it is a fume or dust form.
Aluminum oxide (fibrous forms)	1344-28-1	<u>Only</u> if it is a fibrous form.
Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	7664-41-7	<u>Only</u> 10% of aqueous forms. 100% of anhydrous forms.
Asbestos (friable)	1332-21-4	<u>Only</u> if it is a friable form.
Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7647-01-0	<u>Only</u> if it is an aerosol form as defined.
Nitrate compounds (water dissociable; reportable only when in aqueous solution)	NA	<u>Only</u> if in aqueous solution
Phosphorus (yellow or white)	7723-14-0	<u>Only</u> if it is a yellow or white form.
Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7664-93-9	<u>Only</u> if it is an aerosol form as defined.
Vanadium (except when contained in an alloy)	7440-62-2	<u>Except</u> if it is contained in an alloy.
Zinc (fume or dust)	7440-66-6	<u>Only</u> if it is in a fume or dust form.

The qualifier for the following three chemicals is based on the chemical activity rather than the form of the chemical. These chemicals are subject to EPCRA section 313 reporting requirements only when the indicated activity is performed.

Chemical/ Chemical Category	CAS Number	Qualifier
Dioxin and dioxin-like compounds (manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacture of that chemical.)	NA	<u>Only</u> if they are manufactured at the facility; or are processed or otherwise used when present as contaminants in a chemical but only if they were created during the manufacture of that chemical.
Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	67-63-0	<u>Only</u> if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are <u>not</u> covered and should <u>not</u> file a report.
Saccharin (only persons who manufacture are subject, no supplier notification)	81-07-2	<u>Only</u> if it is being manufactured.

There are no supplier notification requirements for isopropyl alcohol and saccharin since the processors and users of these chemicals are not required to report. Manufacturers of these chemicals do not need to notify their customers that these are reportable EPCRA section 313 chemicals.

Table II. EPCRA Section 313 Chemical List – RY2011

Note: Chemicals may be added to or deleted from the list. The Emergency Planning and Community Right-to-Know Call Center will provide up-to-date information on the status of these changes. See section B.3.c of the instructions for more information on the *de minimis* values listed below. There are no *de minimis* levels for PBT chemicals since the *de minimis* exemption is not available for these chemicals (an asterisk appears where a *de minimis* limit would otherwise appear in Table II). However, for purposes of the supplier notification requirement only, such limits are provided in Appendix D.

Chemical Qualifiers

This table contains the list of individual EPCRA Section 313 chemicals and categories of chemicals subject to 2009 calendar year reporting. Some of the EPCRA Section 313 chemicals listed have parenthetic qualifiers listed next to them. An EPCRA Section 313 chemical that is listed without a qualifier is subject to reporting in all forms in which it is manufactured, processed, and otherwise used.

Fume or dust. Two of the metals on the list (aluminum and zinc) contain the qualifier “fume or dust.” Fume or dust refers to dry forms of these metals but does not refer to “wet” forms such as solutions or slurries. As explained in Section B.3.a of these instructions, the term manufacture includes the generation of an EPCRA Section 313 chemical as a byproduct or impurity. In such cases, a facility should determine if, for example, it generated more than 25,000 pounds of aluminum fume or dust in the reporting year as a result of its activities. If so, the facility must report that it manufactures “aluminum (fume or dust).” Similarly, there may be certain technologies in which one of these metals is processed in the form of a fume or dust to make other EPCRA Section 313 chemicals or other products for distribution in commerce. In reporting releases, the facility would only report releases of the fume or dust.

EPA considers dusts to consist of solid particles generated by any mechanical processing of materials including crushing, grinding, rapid impact, handling, detonation, and decrepitation of organic and inorganic materials such as rock, ore, and metal. Dusts do not tend to flocculate, except under electrostatic forces.

EPA considers a fume to be an airborne dispersion consisting of small solid particles created by condensation from a gaseous state, in distinction to a gas or vapor. Fumes arise from the heating of solids such as lead. The condensation is often accompanied by a chemical reaction, such as oxidation. Fumes flocculate and sometimes coalesce.

Manufacturing qualifiers. Two of the entries in the EPCRA Section 313 chemical list contain a qualifier relating to manufacture. For isopropyl alcohol, the qualifier is “only persons who manufacture by the strong acid process are subject, no supplier notification.” For saccharin, the qualifier is “only persons who manufacture are subject, no supplier notification.” For isopropyl alcohol, the qualifier means that only facilities manufacturing isopropyl alcohol by the strong acid process are required to report. In the case of saccharin, only manufacturers of the EPCRA Section 313 chemical are subject to the reporting requirements. A facility that only processes or otherwise uses either of these EPCRA Section 313 chemicals is not required to report for these EPCRA Section 313 chemicals. In both cases, supplier notification does not

apply because only manufacturers, not users, of these two EPCRA Section 313 chemicals must report.

Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing). The qualifier for ammonia means that anhydrous forms of ammonia are 100% reportable and aqueous forms are limited to 10% of total aqueous ammonia. Therefore when determining threshold and releases and other waste management quantities all anhydrous ammonia is included but only 10% of total aqueous ammonia is included. Any evaporation of ammonia from aqueous ammonia solutions is considered anhydrous ammonia and should be included in threshold determinations and release and other waste management calculations.

Sulfuric acid and Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size). The qualifier for sulfuric acid and hydrochloric acid means that the only forms of these chemicals that are reportable are airborne forms. Aqueous solutions are not covered by this listing but any aerosols generated from aqueous solutions are covered.

Nitrate compounds (water dissociable; reportable only when in aqueous solution). The qualifier for the nitrate compounds category limits the reporting to nitrate compounds that dissociate in water, generating nitrate ion. For the purposes of threshold determinations the entire weight of the nitrate compound must be included in all calculations. For the purposes of reporting releases and other waste management quantities only the weight of the nitrate ion should be included in the calculations of these quantities.

Phosphorus (yellow or white). The listing for phosphorus is qualified by the term “yellow or white.” This means that only manufacturing, processing, or otherwise use of phosphorus in the yellow or white chemical form triggers reporting. Conversely, manufacturing, processing, or otherwise use of “black” or “red” phosphorus does not trigger reporting. Supplier notification also applies only to distribution of yellow or white phosphorus.

Asbestos (friable). The listing for asbestos is qualified by the term “friable,” referring to the physical characteristic of being able to be crumbled, pulverized, or reducible to a powder with hand pressure. Only manufacturing, processing, or otherwise use of asbestos in the friable form triggers reporting. Supplier notification applies only to distribution of mixtures or other trade name products containing friable asbestos.

Aluminum Oxide (fibrous forms). The listing for aluminum oxide is qualified by the term “fibrous forms.” Fibrous refers to a man-made form of aluminum oxide that is processed to

Table II. EPCRA Section 313 Chemical List – RY2011

produce strands or filaments which can be cut to various lengths depending on the application. Only manufacturing, processing, or otherwise use of aluminum oxide in the fibrous form triggers reporting. Supplier notification applies only to distribution of mixtures or other trade name products containing fibrous forms of aluminum oxide.

Notes for Sections A and B of following list of TRI chemicals:

“Color Index” indicated by “C.I.”

* There are no *de minimis* levels for PBT chemicals, except for supplier notification purposes (see Appendix D).

a. Individually-Listed Toxic Chemicals Arranged Alphabetically

CAS Number	Chemical Name	Demiminis % Limit
71751-41-2	Abamectin [Avermectin B1]	1.0
30560-19-1	Acephate	1.0
	(Acetylphosphoramidothioic acid O,S-dimethyl ester)	
75-07-0	Acetaldehyde	0.1
60-35-5	Acetamide	0.1
75-05-8	Acetonitrile	1.0
98-86-2	Acetophenone	1.0
53-96-3	2-Acetylaminofluorene	0.1
62476-59-9	Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt]	1.0
107-02-8	Acrolein	1.0
79-06-1	Acrylamide	0.1
79-10-7	Acrylic acid	1.0
107-13-1	Acrylonitrile	0.1
15972-60-8	Alachlor	1.0
116-06-3	Aldicarb	1.0
309-00-2	Aldrin [1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha.,8a.beta.)-]	*
28057-48-9	d-trans-Allethrin [d-trans-Chrysanthemic acid of d-allethrone]	1.0
107-18-6	Allyl alcohol	1.0
107-11-9	Allylamine	1.0
107-05-1	Allyl chloride	1.0
7429-90-5	Aluminum (fume or dust)	1.0
20859-73-8	Aluminum phosphide	1.0
1344-28-1	Aluminum oxide (fibrous forms)	1.0
834-12-8	Ametryn (N-Ethyl-N=-(1-methylethyl)-6-(methylthio)-1,3,5,-triazine-2,4-diamine)	1.0
117-79-3	2-Aminoanthraquinone	0.1
60-09-3	4-Aminoazobenzene	0.1
92-67-1	4-Aminobiphenyl	0.1
82-28-0	1-Amino-2-methylantraquinone	0.1
81-49-2	1-Amino-2,4-dibromoanthraquinone	0.1

CAS Number	Chemical Name	Demiminis % Limit
33089-61-1	Amitraz	1.0
61-82-5	Amitrole	0.1
7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	1.0
101-05-3	Anilazine [4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]	1.0
62-53-3	Aniline	1.0
90-04-0	o-Anisidine	0.1
104-94-9	p-Anisidine	1.0
134-29-2	o-Anisidine hydrochloride	0.1
120-12-7	Anthracene	1.0
7440-36-0	Antimony	1.0
7440-38-2	Arsenic	0.1
1332-21-4	Asbestos (friable)	0.1
1912-24-9	Atrazine (6-Chloro-N-ethyl-N=-(1-methylethyl)-1,3,5-triazine-2,4-diamine)	1.0
7440-39-3	Barium	1.0
22781-23-3	Bendiocarb [2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]	1.0
1861-40-1	Benfluralin (N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine)	1.0
17804-35-2	Benomyl	1.0
98-87-3	Benzal chloride	1.0
55-21-0	Benzamide	1.0
71-43-2	Benzene	0.1
92-87-5	Benzidine	0.1
98-07-7	Benzoic trichloride (Benzotrichloride)	0.1
191-24-2	Benzo(g,h,i)perylene	*
98-88-4	Benzoyl chloride	1.0
94-36-0	Benzoyl peroxide	1.0
100-44-7	Benzyl chloride	1.0
7440-41-7	Beryllium	0.1
82657-04-3	Bifenthrin	1.0
92-52-4	Biphenyl	1.0
3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	0.1
111-91-1	Bis(2-chloroethoxy) methane	1.0
111-44-4	Bis(2-chloroethyl) ether	1.0
542-88-1	Bis(chloromethyl) ether	0.1
108-60-1	Bis(2-chloro-1-methylethyl)ether	1.0
56-35-9	Bis(tributyltin) oxide	1.0
10294-34-5	Boron trichloride	1.0
7637-07-2	Boron trifluoride	1.0
314-40-9	Bromacil	1.0
	(5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-pyrimidinedione)	
53404-19-6	Bromacil, lithium salt [2,4(1H,3H)-Pyrimidinedione,5-bromo-6-methyl-3-(1-methylpropyl), lithium salt]	1.0
7726-95-6	Bromine	1.0

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	Deminimis % Limit	CAS Number	Chemical Name	Deminimis % Limit	
35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1.0	108-90-7	Chlorobenzene	1.0	
353-59-3	Bromochlorodifluoromethane (Halon 1211)	1.0	510-15-6	Chlorobenzilate	1.0	
75-25-2	Bromoform (Tribromomethane)	1.0	75-68-3	[Benzeneacetic acid, 4-chloro-.alpha..-(4-chlorophenyl).-alpha.-hydroxy-, ethyl ester]		
74-83-9	Bromomethane (Methyl bromide)	1.0	75-45-6	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0	
75-63-8	Bromotrifluoromethane (Halon 1301)	1.0	75-00-3	Chlorodifluoromethane (HCFC-22)	1.0	
1689-84-5	Bromoxynil (3,5-Dibromo-4-hydroxybenzonitrile)	1.0	67-66-3	Chloroethane (Ethyl chloride)	1.0	
1689-99-2	Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenylester)	1.0	74-87-3	Chloroform	0.1	
357-57-3	Brucine	1.0	107-30-2	Chloromethane (Methyl chloride)	1.0	
106-99-0	1,3-Butadiene	0.1	563-47-3	Chloromethyl methyl ether	0.1	
141-32-2	Butyl acrylate	1.0	104-12-1	3-Chloro-2-methyl-1-propene	0.1	
71-36-3	n-Butyl alcohol	1.0	76-06-2	p-Chlorophenyl isocyanate	1.0	
78-92-2	sec-Butyl alcohol	1.0	126-99-8	Chloropicrin	1.0	
75-65-0	tert-Butyl alcohol	1.0	542-76-7	Chloroprene	0.1	
106-88-7	1,2-Butylene oxide	0.1	63938-10-3	3-Chloropropionitrile	1.0	
123-72-8	Butyraldehyde	1.0	354-25-6	Chlorotetrafluoroethane	1.0	
7440-43-9	Cadmium	0.1	2837-89-0	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)		
156-62-7	Calcium cyanamide	1.0	1897-45-6	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1.0	
133-06-2	Captan	1.0	95-69-2	Chlorothalonil	0.1	
	[1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]		75-88-7	[1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-]		
63-25-2	Carbaryl [1-Naphthalenol, methylcarbamate]	1.0	75-72-9	p-Chloro-o-toluidine	0.1	
1563-66-2	Carbofuran	1.0	460-35-5	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0	
75-15-0	Carbon disulfide	1.0	5598-13-0	75-72-9	Chlorotrifluoromethane (CFC-13)	1.0
56-23-5	Carbon tetrachloride	0.1	64902-72-3	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1.0	
463-58-1	Carbonyl sulfide	1.0		Chloropyrifos methyl	1.0	
5234-68-4	Carboxin	1.0		[O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate]		
	(5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)			Chlorsulfuron	1.0	
120-80-9	Catechol	0.1		[2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]benzenesulfonamide]		
2439-01-2	Chinomethionat	1.0	7440-47-3	Chromium	1.0	
	[6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one]		4680-78-8	C.I. Acid Green 3	1.0	
133-90-4	Chloramben	1.0	6459-94-5	C.I. Acid Red 114	0.1	
	[Benzoic acid, 3-amino-2,5-dichloro-]		569-64-2	C.I. Basic Green 4	1.0	
57-74-9	Chlordane	*	989-38-8	C.I. Basic Red 1	1.0	
	[4,7-Methanoidan, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]		1937-37-7	C.I. Direct Black 38	0.1	
115-28-6	Chlorendic acid	0.1	2602-46-2	C.I. Direct Blue 6	0.1	
90982-32-4	Chlorimuron ethyl	1.0	28407-37-6	C.I. Direct Blue 218	1.0	
	[Ethyl-2-[[[[4-chloro-6-methoxyprimidin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate]		16071-86-6	C.I. Direct Brown 95	0.1	
7782-50-5	Chlorine	1.0	2832-40-8	C.I. Disperse Yellow 3	1.0	
10049-04-4	Chlorine dioxide	1.0	3761-53-3	C.I. Food Red 5	0.1	
79-11-8	Chloroacetic acid	1.0	81-88-9	C.I. Food Red 15	1.0	
532-27-4	2-Chloroacetophenone	1.0	3118-97-6	C.I. Solvent Orange 7	1.0	
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0	97-56-3	C.I. Solvent Yellow 3	0.1	
106-47-8	p-Chloroaniline	0.1	842-07-9	C.I. Solvent Yellow 14	1.0	
			492-80-8	C.I. Solvent Yellow 34	0.1	
			128-66-5	(Auramine)		
			7440-48-4	C.I. Vat Yellow 4	1.0	
			7440-50-8	Cobalt	0.1	
				Copper	1.0	

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	Deminimis % Limit	CAS Number	Chemical Name	Deminimis % Limit
8001-58-9	Creosote	0.1	124-73-2	Dibromotetrafluoroethane (Halon 2402)	1.0
120-71-8	p-Cresidine	0.1	84-74-2	Dibutyl phthalate	1.0
108-39-4	m-Cresol	1.0	1918-00-9	Dicamba (3,6-Dichloro-2-methoxybenzoic acid)	1.0
95-48-7	o-Cresol	1.0	99-30-9	Dichloran [2,6-Dichloro-4-nitroaniline]	1.0
106-44-5	p-Cresol	1.0	95-50-1	1,2-Dichlorobenzene	1.0
1319-77-3	Cresol (mixed isomers)	1.0	541-73-1	1,3-Dichlorobenzene	1.0
4170-30-3	Crotonaldehyde	1.0	106-46-7	1,4-Dichlorobenzene	0.1
98-82-8	Cumene	1.0	25321-22-6	Dichlorobenzene (mixed isomers)	0.1
80-15-9	Cumene hydroperoxide	1.0	91-94-1	3,3'-Dichlorobenzidine	0.1
135-20-6	Cupferron	0.1	612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1
	[Benzeneamine, N-hydroxy-N-nitroso, ammonium salt]		64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1
21725-46-2	Cyanazine	1.0	75-27-4	Dichlorobromomethane	0.1
1134-23-2	Cycloate	1.0	764-41-0	1,4-Dichloro-2-butene	1.0
110-82-7	Cyclohexane	1.0	110-57-6	trans-1,4-Dichloro-2-butene	1.0
108-93-0	Cyclohexanol	1.0	1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1.0
68359-37-5	Cyfluthrin	1.0	75-71-8	Dichlorodifluoromethane (CFC-12)	1.0
	[3-(2,2-Dichloroethyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl) methyl ester]		107-06-2	1,2-Dichloroethane (Ethylene dichloride)	0.1
68085-85-8	Cyhalothrin	1.0	540-59-0	1,2-Dichloroethylene	1.0
	[3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane-carboxylic acid cyano(3-phenoxyphenyl)methyl ester]		1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1.0
94-75-7	2,4-D	0.1	75-43-4	Dichlorofluoromethane (HCFC-21)	1.0
533-74-4	Dazomet	1.0	75-09-2	Dichloromethane (Methylene chloride)	0.1
	(Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)		127564-92-5	Dichloropentafluoropropane	1.0
53404-60-7	Dazomet, sodium salt	1.0	13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0
	[Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium]		111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0
94-82-6	2,4-DB	1.0	422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1.0
1929-73-3	2,4-D butoxyethyl ester	0.1	431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1.0
94-80-4	2,4-D butyl ester	0.1	507-55-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225cb)	1.0
2971-38-2	2,4-D chlorocrotyl ester	0.1	136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0
1163-19-5	Decabromodiphenyl oxide	1.0	128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1.0
13684-56-5	Desmedipham	1.0	422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1.0
1928-43-4	2,4-D 2-ethylhexyl ester	0.1	422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1.0
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1	97-23-4	Dichlorophene [2,2'-Methylenebis(4-chlorophenol)]	1.0
2303-16-4	Diallate	1.0	120-83-2	2,4-Dichlorophenol	1.0
	[Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester]		78-87-5	1,2-Dichloropropane	1.0
615-05-4	2,4-Diaminoanisole	0.1	10061-02-6	trans-1,3-Dichloropropene	0.1
39156-41-7	2,4-Diaminoanisole sulfate	0.1	78-88-6	2,3-Dichloropropene	1.0
101-80-4	4,4'-Diaminodiphenyl ether	0.1	542-75-6	1,3-Dichloropropylene	0.1
95-80-7	2,4-Diaminotoluene	0.1	76-14-2	Dichlorotetrafluoroethane (CFC-114)	1.0
25376-45-8	Diaminotoluene (mixed isomers)	0.1	34077-87-7	Dichlorotrifluoroethane	1.0
333-41-5	Diazinon	1.0			
334-88-3	Diazomethane	1.0			
132-64-9	Dibenzofuran	1.0			
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.1			
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1			

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	Deminimis % Limit	CAS Number	Chemical Name	Deminimis % Limit
90454-18-5	Dichloro-1,1,2-trifluoroethane	1.0	121-14-2	2,4-Dinitrotoluene	0.1
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0	606-20-2	2,6-Dinitrotoluene	0.1
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1.0	25321-14-6	Dinitrotoluene (mixed isomers)	1.0
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0	39300-45-3	Dinocap	1.0
62-73-7	Dichlorvos	0.1	123-91-1	1,4-Dioxane	0.1
	[Phosphoric acid, 2,2-dichloroethyl dimethyl ester]		957-51-7	Diphenamid	1.0
51338-27-3	Diclofop methyl	1.0	122-39-4	Diphenylamine	1.0
	[2-[4-(2,4-Dichlorophenoxy)phenoxy] propanoic acid, methyl ester]		122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1
115-32-2	Dicofol	1.0	2164-07-0	Dipotassium endothall [7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt]	1.0
	[Benzinemethanol, 4-chloro-Dicyclopentadiene]		136-45-8	Dipropyl isocinchomeronate	1.0
77-73-6	Diepoxybutane	0.1	138-93-2	Disodium cyanodithioimidocarbonate	1.0
1464-53-5	Diethanolamine	1.0	94-11-1	2,4-D isopropyl ester	0.1
111-42-2	Diethatyl ethyl	1.0	541-53-7	2,4-Dithiobiuret	1.0
38727-55-8	Diethyl sulfate	0.1	330-54-1	Diuron	1.0
117-81-7	Diflubenzuron	1.0	2439-10-3	Dodine [Dodecylguanidine monoacetate]	1.0
64-67-5	Diglycidyl resorcinol ether	0.1	120-36-5	2,4-DP	0.1
35367-38-5	Dihydrosafrole	0.1	1320-18-9	2,4-D propylene glycol	0.1
101-90-6	Dimethipin	1.0	2702-72-9	butyl ether ester	
94-58-6	[2,3-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide]		106-89-8	2,4-D sodium salt	0.1
55290-64-7	Dimethoate	1.0	13194-48-4	Epichlorohydrin	0.1
	3,3'-Dimethoxybenzidine	0.1		Ethoprop [Phosphorodithioic acid O-ethyl S,S-dipropyl ester]	1.0
60-51-5	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	0.1	110-80-5	2-Ethoxyethanol	1.0
119-90-4	4-Dimethylaminoazobenzene	1.0	140-88-5	Ethyl acrylate	0.1
20325-40-0	N,N-Dimethylaniline	0.1	100-41-4	Ethylbenzene	0.1
	3,3'-Dimethylbenzidine (o-Tolidine)	0.1	541-41-3	Ethyl chloroformate	1.0
111984-09-9	3,3'-Dimethylbenzidine hydrochloride (o-Dianisidine hydrochloride)	0.1	759-94-4	Ethyl dipropylthiocarbamate (EPTC)	1.0
124-40-3	Dimethylamine	1.0	74-85-1	Ethylene	1.0
2300-66-5	Dimethylamine dicamba	1.0	107-21-1	Ethylene glycol	1.0
60-11-7	4-Dimethylaminoazobenzene	0.1	151-56-4	Ethyleneimine (Aziridine)	0.1
121-69-7	N,N-Dimethylbenzidine	1.0	75-21-8	Ethylene oxide	0.1
119-93-7	3,3'-Dimethylbenzidine (o-Tolidine)	0.1	96-45-7	Ethylene thiourea	0.1
612-82-8	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1	75-34-3	Ethyldene dichloride	1.0
	3,3'-Dimethylbenzidine dihydrofluoride (o-Tolidine dihydrofluoride)		52-85-7	Famphur	1.0
41766-75-0	Dimethylcarbamyl chloride	0.1	60168-88-9	Fenarimol	1.0
79-44-7	Dimethylcarbamyl chloride	0.1		[.alpha.-{(2-Chlorophenyl)-.alpha.-(4-chlorophenyl)-5-pyrimidinemethanol}]	
2524-03-0	Dimethyl chlorothiophosphate	1.0	13356-08-6	Fenbutatin oxide	1.0
	N,N-Dimethylformamide	1.0		(Hexakis(2-methyl-2-phenylpropyl)distannoxane)	
68-12-2	1,1-Dimethyl hydrazine	0.1	66441-23-4	Fenoxyprop ethyl	1.0
57-14-7	2,4-Dimethylphenol	1.0		[2-(4-((6-Chloro-2-benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester]	
105-67-9	Dimethyl phthalate	1.0			
131-11-3	Dimethyl sulfate	0.1			
77-78-1	m-Dinitrobenzene	1.0			
99-65-0	o-Dinitrobenzene	1.0			
528-29-0	p-Dinitrobenzene	1.0			
100-25-4	Dinitrobutyl phenol (Dinoseb)	1.0	72490-01-8	Fenoxy carb	1.0
88-85-7	4,6-Dinitro-o-cresol	1.0		[[2-(4-Phenoxyphenoxy)ethyl]carbamic acid ethyl ester]	
534-52-1	2,4-Dinitrophenol	1.0	39515-41-8	Fenpropathrin	1.0
51-28-5				[2,2,3,3-Tetramethylcyclopropane]	

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	Demiminis % Limit	CAS Number	Chemical Name	Demiminis % Limit
55-38-9	carboxylic acid cyano(3-phenoxyphenyl)methyl ester]			(acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	
	Fenthion	1.0	74-90-8	Hydrogen cyanide	1.0
	[O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl] ester, phosphorothioic acid]		7664-39-3	Hydrogen fluoride	1.0
51630-58-1	Fenvalerate	1.0	123-31-9	Hydroquinone	1.0
	[4-Chloro-alpha-(1-methylethyl)benzeneacetic acid cyano (3-phenoxyphenyl) methyl ester]		35554-44-0	Imazalil	1.0
14484-64-1	Ferbam	1.0	55406-53-6	[1-[2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole]	
	[Tris(dimethylcarbamodithioato- S,S')iron]		3-Iodo-2-propynyl		1.0
69806-50-4	Fluazifop butyl	1.0	13463-40-6	butylcarbamate	
	[2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid, butyl ester]		78-84-2	Iron pentacarbonyl	1.0
2164-17-2	Fluometuron	1.0	465-73-6	Isobutyraldehyde	1.0
	[Urea, N,N-dimethyl-N-[3-(trifluoromethyl)phenyl]-]		25311-71-1	Isodrin	*
7782-41-4	Fluorine	1.0		Isofenphos[2-[[Ethoxyl[(1-methylethyl)amino]phosphinothioyl]oxy]benzoic acid 1-methylethyl ester]	1.0
51-21-8	Fluorouracil (5-Fluorouracil)	1.0		Isoprene	0.1
69409-94-5	Fluvalinate	1.0		Isopropyl alcohol	1.0
	[N-[2-Chloro-4-(trifluoromethyl)phenyl]-DL-valine(+)-cyano(3-phenoxyphenyl)methyl ester]			(only persons who manufacture by the strong acid process are subject, no supplier notification)	
133-07-3	Folpet	1.0	80-05-7	4,4'-Isopropylidenediphenol	1.0
72178-02-0	Fomesafen	1.0	120-58-1	Isosafrrole	1.0
	[5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl-2-nitrobenzamide]		77501-63-4	Lactofen	1.0
50-00-0	Formaldehyde	0.1		[Benzoic acid, 5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester]	
64-18-6	Formic acid	1.0	7439-92-1	Lead	*
76-13-1	Freon 113	1.0		(when lead is contained in stainless steel, brass or bronze alloys the <i>de minimis</i> level is 0.1)	
	[Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-]		58-89-9	Lindane	0.1
110-00-9	Furan	0.1		[Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-]	
556-52-5	Glycidol	0.1		Linuron	1.0
76-44-8	Heptachlor	*	330-55-2	Lithium carbonate	1.0
	[1,4,5,6,7,8,8-Heptachloro-3a, 4,7,7a-tetrahydro-4,7-methano-1H-indene]		554-13-2	Malathion	1.0
118-74-1	Hexachlorobenzene	*	121-75-5	Maleic anhydride	1.0
87-68-3	Hexachloro-1,3-butadiene	1.0	108-31-6	Malononitrile	1.0
319-84-6	alpha-Hexachlorocyclohexane	0.1	109-77-3	Maneb	1.0
77-47-4	Hexachlorocyclopentadiene	1.0	12427-38-2	[Carbamodithioic acid, 1,2-ethanediylbis-, manganese complex]	
67-72-1	Hexachloroethane			Manganese	1.0
		0.1	7439-96-5	Mecoprop	0.1
1335-87-1	Hexachloronaphthalene		93-65-2	2-Mercaptobenzothiazole (MBT)	1.0
		1.0	149-30-4	Mercury	*
70-30-4	Hexachlorophene	1.0	7439-97-6	Merphos	1.0
680-31-9	Hexamethylphosphoramide	0.1	150-50-5	Methacrylonitrile	1.0
110-54-3	n-Hexane	1.0	126-98-7	Metham sodium (Sodium	1.0
51235-04-2	Hexazinone	1.0	137-42-8	methyldithiocarbamate)	
67485-29-4	Hydramethylnon	1.0	67-56-1	Methanol	1.0
	[Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone]		20354-26-1	Methazole	1.0
302-01-2	Hydrazine	0.1		[2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione]	
10034-93-2	Hydrazine sulfate	0.1	2032-65-7	Methiocarb	1.0
7647-01-0	Hydrochloric acid	1.0	94-74-6	Methoxone	0.1

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	<i>Deminimis % Limit</i>		<i>Deminimis % Limit</i>
3653-48-3	((4-Chloro-2-methylphenoxy) acetic acid) (MCPA)			91-23-6 o-Nitroanisole 0.1
	Methoxone sodium salt 0.1	0.1		99-59-2 5-Nitro-o-anisidine 1.0
72-43-5	((4-Chloro-2-methylphenoxy) acetate sodium salt)			98-95-3 Nitrobenzene 0.1
	Methoxychlor *	*		92-93-3 4-Nitrobiphenyl 0.1
109-86-4	[Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-]			1836-75-5 Nitrofen 0.1
	2-Methoxyethanol 1.0	1.0		51-75-2 [Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-] Nitrogen mustard 0.1
96-33-3	Methyl acrylate 1.0	1.0		[2-Chloro-N-(2-chloroethyl)-N-methylethanamine] Nitroglycerin 1.0
1634-04-4	Methyl tert-butyl ether 1.0	1.0		75-52-5 Nitromethane 0.1
79-22-1	Methyl chlorocarbonate 1.0	1.0		88-75-5 2-Nitrophenol 1.0
101-14-4	4,4'-Methylenebis(2-chloroaniline) 0.1 (MBOCA)	0.1		100-02-7 4-Nitrophenol 1.0
101-61-1	4,4'-Methylenebis(N,N-dimethyl) benzenamine	0.1		79-46-9 2-Nitropropane 0.1
74-95-3	Methylene bromide 1.0	1.0		924-16-3 N-Nitrosodi-n-butylamine 0.1
101-77-9	4,4'-Methylenedianiline 0.1	0.1		55-18-5 N-Nitrosodiethylamine 0.1
93-15-2	Methyleugenol 0.1	0.1		62-75-9 N-Nitrosodimethylamine 0.1
60-34-4	Methyl hydrazine 1.0	1.0		86-30-6 N-Nitrosodiphenylamine 1.0
74-88-4	Methyl iodide 1.0	1.0		156-10-5 p-Nitrosodiphenylamine 1.0
108-10-1	Methyl isobutyl ketone 1.0	1.0		621-64-7 N-Nitrosodi-n-propylamine 0.1
624-83-9	Methyl isocyanate 1.0	1.0		759-73-9 N-Nitroso-N-ethylurea 0.1
556-61-6	Methyl isothiocyanate 1.0 [Isothiocyanatomethane]	1.0		684-93-5 N-Nitroso-N-methylurea 0.1
75-86-5	2-Methylacetonitrile 1.0	1.0		4549-40-0 N-Nitrosomethylvinylamine 0.1
80-62-6	Methyl methacrylate 1.0	1.0		59-89-2 N-Nitrosomorpholine 0.1
924-42-5	N-Methylolacrylamide 1.0	1.0		16543-55-8 N-Nitrosornicotine 0.1
298-00-0	Methyl parathion 1.0	1.0		100-75-4 N-Nitrosopiperidine 0.1
109-06-8	2-Methylpyridine 1.0	1.0		99-55-8 5-Nitro-o-tolidine 1.0
872-50-4	N-Methyl-2-pyrrolidone 1.0	1.0		27314-13-2 Norflurazon 1.0
9006-42-2	Metiram 1.0	1.0		[4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone]
21087-64-9	Metribuzin 1.0	1.0		Octachloronaphthalene 1.0
7786-34-7	Mevinphos 1.0	1.0		29082-74-4 Octachlorostyrene *
90-94-8	Michler's ketone 0.1	0.1		19044-88-3 Oryzalin 1.0
2212-67-1	Molinate 1.0 (1H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester)	1.0		[4-(Dipropylamino)-3,5-dinitrobenzene sulfonamide]
1313-27-5	Molybdenum trioxide 1.0	1.0		20816-12-0 Osmium tetroxide 1.0
76-15-3	Monochloropentafluoroethane 1.0 (CFC-115)	1.0		301-12-2 Oxydemeton methyl 1.0
150-68-5	Monuron 1.0	1.0		[S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid]
505-60-2	Mustard gas 0.1 [Ethane, 1,1'-thiobis[2-chloro-]	0.1		19666-30-9 Oxydiazon 1.0
88671-89-0	Myclobutanil 1.0 [alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile]	1.0		[3-[2,4-Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]
142-59-6	Nabam 1.0	1.0		42874-03-3 Oxyfluorfen 1.0
300-76-5	Naled 1.0	1.0		10028-15-6 Ozone 1.0
91-20-3	Naphthalene 0.1	0.1		123-63-7 Paraldehyde 1.0
134-32-7	alpha-Naphthylamine 0.1	0.1		1910-42-5 Paraquat dichloride 1.0
91-59-8	beta-Naphthylamine 0.1	0.1		56-38-2 Parathion 1.0
7440-02-0	Nickel 0.1	0.1		[Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl)ester]
1929-82-4	Nitrapyrin 1.0 (2-Chloro-6-(trichloromethyl)pyridine)	1.0		1114-71-2 Pebulate 1.0
7697-37-2	Nitric acid 1.0	1.0		[Butylethylcarbamothioic acid S-propyl ester]
139-13-9	Nitrilotriacetic acid 0.1	0.1		40487-42-1 Pendimethalin *
100-01-6	p-Nitroaniline 1.0	1.0		[N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine]
				608-93-5 Pentachlorobenzene *

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	Deminimis % Limit	CAS Number	Chemical Name	Deminimis % Limit
76-01-7	Pentachloroethane	1.0	31218-83-4	Propetamphos	1.0
87-86-5	Pentachlorophenol (PCP)	0.1		[3-[Ethylamino)methoxyphosphinothioyl]oxy]-2-butenoic acid, 1-methylethyl ester]	
57-33-0	Pentobarbital sodium	1.0	60207-90-1	Propiconazole	1.0
79-21-0	Peracetic acid	1.0		[1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl-1H-1,2,4,-triazole]	
594-42-3	Perchloromethyl mercaptan	1.0	57-57-8	beta-Propiolactone	0.1
52645-53-1	Permethrin	1.0	123-38-6	Propionaldehyde	1.0
	[3-(2,2-Dichloroethyl)-2,2-dimethylcyclopropanecarboxylic acid, (3-phenoxyphenyl) methyl ester]		114-26-1	Propoxur	1.0
85-01-8	Phenanthrene	1.0	115-07-1	[Phenol, 2-(1-methylethoxy)-, methylcarbamate]	
108-95-2	Phenol	1.0	75-55-8	Propylene (Propene)	1.0
77-09-8	Phenolphthalein	0.1	75-56-9	Propyleneimine	0.1
26002-80-2	Phenothrin	1.0	110-86-1	Propylene oxide	0.1
	[2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester]		91-22-5	Pyridine	1.0
95-54-5	1,2-Phenylenediamine	1.0	106-51-4	Quinoline	1.0
108-45-2	1,3-Phenylenediamine	1.0	82-68-8	Quinone	1.0
106-50-3	p-Phenylenediamine	1.0	76578-14-8	Quintozene (Pentachloronitrobenzene)	1.0
615-28-1	1,2-Phenylenediamine dihydrochloride	1.0		Quizalofop-ethyl	1.0
624-18-0	1,4-Phenylenediamine dihydrochloride	1.0		[2-[4-[(6-Chloro-2-quinoxalinyl)oxy]phenoxy] propanoic acid ethyl ester]	
90-43-7	2-Phenylphenol	1.0	10453-86-8	Resmethrin	1.0
57-41-0	Phentyoin	0.1		[[5-(Phenylmethyl)-3-furanyl]methyl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate]	
75-44-5	Phosgene	1.0	81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1.0
7803-51-2	Phosphine	1.0	94-59-7	Safrole	0.1
7723-14-0	Phosphorus (yellow or white)	1.0	7782-49-2	Selenium	1.0
85-44-9	Phthalic anhydride	1.0	74051-80-2	Sethoxydim	1.0
1918-02-1	Picloram	1.0		[2-[1-(Ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxyl-2-cyclohexen-1-one]	
88-89-1	Picric acid	1.0	7440-22-4	Silver	1.0
51-03-6	Piperonyl butoxide	1.0	122-34-9	Simazine	1.0
29232-93-7	Pirimiphos methyl	1.0	26628-22-8	Sodium azide	1.0
	[O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethylphosphorothioate]		1982-69-0	Sodium dicamba	1.0
1336-36-3	Polychlorinated biphenyls (PCBs)	*		[3,6-Dichloro-2-methoxybenzoic acid, sodium salt]	
7758-01-2	Potassium bromate	0.1	128-04-1	Sodium dimethyldithiocarbamate	1.0
128-03-0	Potassium dimethyldithiocarbamate	1.0	62-74-8	Sodium fluoroacetate	1.0
137-41-7	Potassium N-methyldithiocarbamate	1.0	7632-00-0	Sodium nitrite	1.0
41198-08-7	Profenofos	1.0	131-52-2	Sodium pentachlorophenate	1.0
	[O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate]		132-27-4	Sodium o-phenylphenoxide	0.1
7287-19-6	Prometryn	1.0	100-42-5	Styrene	0.1
	[N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine]		96-09-3	Styrene oxide	0.1
23950-58-5	Pronamide	1.0	7664-93-9	Sulfuric acid	1.0
1918-16-7	Propachlor	1.0		(acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	
	[2-Chloro-N-(1-methylethyl)-N-phenylacetamide]		2699-79-8	Sulfuryl fluoride (Vikane)	1.0
1120-71-4	Propane sultone	0.1	35400-43-2	Sulprofos	1.0
709-98-8	Propanil	1.0		[O-Ethyl O-[4-(methylthio)phenyl]phosphorodithioic acid S-propylester]	
	[N-(3,4-Dichlorophenyl)propanamide]		34014-18-1	Tebuthiuron	1.0
2312-35-8	Propargite	1.0			
107-19-7	Propargyl alcohol	1.0			

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	<i>Deminimis % Limit</i>		CAS Number	Chemical Name	<i>Deminimis % Limit</i>	
3383-96-8	[N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea]			101200-48-0	aziridinyl)-]		
5902-51-2	Temephos	1.0			Tribenuron methyl	1.0	
	Terbacil	1.0			[2-[[[[4-Methoxy-6-methyl-1,3,5-triazin-2-yl)-methylamino]-carbonyl]amino]sulfonyl]benzoic acid methyl ester)		
79-94-7	[5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione]	*		1983-10-4	Tributyltin fluoride	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	1.0		2155-70-6	Tributyltin methacrylate	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	1.0		78-48-8	S,S,S-Tributyltrithiophosphate (DEF)	1.0	
127-18-4	Tetrachloroethylene (Perchloroethylene)	0.1		52-68-6	Trichlorfon	1.0	
354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1.0			[Phosphoric acid,(2,2,2-trichloro-1-hydroxyethyl)-, dimethyl ester]		
354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1.0		76-02-8	Trichloroacetyl chloride	1.0	
961-11-5	Tetrachlorvinphos	1.0		120-82-1	1,2,4-Trichlorobenzene	1.0	
	[Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl) ethenyl dimethyl ester]			71-55-6	1,1,1-Trichloroethane (Methyl chloroform)	1.0	
64-75-5	Tetracycline hydrochloride	1.0		79-00-5	1,1,2-Trichloroethane	1.0	
116-14-3	Tetrafluoroethylene	0.1		79-01-6	Trichloroethylene	0.1	
509-14-8	Tetranitromethane	0.1		75-69-4	Trichlorofluoromethane (CFC-11)	1.0	
7696-12-0	Tetramethrin	1.0		95-95-4	2,4,5-Trichlorophenol	1.0	
	[2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl ester]			88-06-2	2,4,6-Trichlorophenol	0.1	
7440-28-0	Thallium	1.0		96-18-4	1,2,3-Trichloropropane	0.1	
148-79-8	Thiabendazole	1.0		57213-69-1	Triclopyr triethylammonium salt	1.0	
	[2-(4-Thiazolyl)-1H-benzimidazole]			121-44-8	Triethylamine	1.0	
62-55-5	Thioacetamide	0.1		1582-09-8	Trifluralin	*	
28249-77-6	Thiobencarb	1.0			[Benzeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-]		
	[Carbamic acid, diethylthio-, S-(p-chlorobenzyl)ester]			26644-46-2	Triforine	1.0	
139-65-1	4,4'-Thiodianiline	0.1			[N,N'-(1,4-Piperazinediylbis-(2,2,2-trichloroethylidene)]bisformamide]		
59669-26-0	Thiodicarb	1.0		95-63-6	1,2,4-Trimethylbenzene	1.0	
23564-06-9	Thiophanate ethyl	1.0		2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1.0	
	[[1,2-Phenylenebis(iminocarbonothioyl)]biscarbamic acid diethylester]				Triphenyltin chloride	1.0	
23564-05-8	Thiophanate methyl	1.0		639-58-7	Triphenyltin hydroxide	1.0	
79-19-6	Thiosemicarbazide	1.0		76-87-9	Tris(2,3-dibromopropyl) phosphate	0.1	
62-56-6	Thiourea	0.1		126-72-7	Trypan blue	0.1	
137-26-8	Thiram	1.0		72-57-1	Urethane (Ethyl carbamate)	0.1	
1314-20-1	Thorium dioxide	1.0		51-79-6	Vanadium (except when contained in an alloy)	1.0	
7550-45-0	Titanium tetrachloride	1.0		7440-62-2	Vinclozolin	1.0	
108-88-3	Toluene	1.0		50471-44-8	[3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione]		
584-84-9	Toluene-2,4-diisocyanate	0.1			Vinyl acetate	0.1	
91-08-7	Toluene-2,6-diisocyanate	0.1		108-05-4	Vinyl bromide	0.1	
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1		593-60-2	Vinyl chloride	0.1	
95-53-4	o-Toluidine	0.1		75-01-4	Vinyl fluoride	0.1	
636-21-5	o-Toluidine hydrochloride	0.1		75-02-5	Vinylidene chloride	1.0	
8001-35-2	Toxaphene	*		75-35-4	m-Xylene	1.0	
43121-43-3	Triadimefon	1.0		108-38-3	o-Xylene	1.0	
	[1-(4-Chlorophenoxy)-3,3-di-methyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone]			95-47-6	p-Xylene	1.0	
2303-17-5	Triallate	1.0		106-42-3	Xylene (mixed isomers)	1.0	
68-76-8	Triaziquone	1.0		1330-20-7	2,6-Xylidine	0.1	
	[2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-			87-62-7	Zinc (fume or dust)	1.0	
				7440-66-6	Zineb	1.0	
				12122-67-7	[Carbamodithioic acid, 1,2-ethanediyibis-, zinc complex]		

Table II. EPCRA Section 313 Chemical List – RY2011

b. Individually Listed Toxic Chemicals Arranged by CAS Number

CAS Number	Chemical Name	De minimis % Limit
Arranged by CAS Number		
50-00-0	Formaldehyde	0.1
51-03-6	Piperonyl butoxide	1.0
51-21-8	Fluorouracil (5-Fluorouracil)	1.0
51-28-5	2,4-Dinitrophenol	1.0
51-75-2	Nitrogen mustard	0.1
	[2-Chloro-N-(2-chloroethyl)-N-methylethanamine]	
51-79-6	Urethane (Ethyl carbamate)	0.1
52-68-6	Trichlorfon	1.0
	[Phosphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-, dimethyl ester]	
52-85-7	Famphur	1.0
53-96-3	2-Acetylaminofluorene	0.1
55-18-5	N-Nitrosodiethylamine	0.1
55-21-0	Benzamide	1.0
55-38-9	Fenthion	1.0
	[O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl] ester, phosphorothioic acid]	
55-63-0	Nitroglycerin	1.0
56-23-5	Carbon tetrachloride	0.1
56-35-9	Bis(tributyltin) oxide	1.0
56-38-2	Parathion	1.0
	[Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester]	
57-14-7	1,1-Dimethylhydrazine	0.1
57-33-0	Pentobarbital sodium	1.0
57-41-0	Phenytoin	0.1
57-57-8	beta-Propiolactone	0.1
57-74-9	Chlordane	*
	[4,7-Methanoindan, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-]	
58-89-9	Lindane	0.1
	[Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-]	
59-89-2	N-Nitrosomorpholine	0.1
60-09-3	4-Aminoazobenzene	0.1
60-11-7	4-Dimethylaminoazobenzene	0.1
60-34-4	Methyl hydrazine	1.0
60-35-5	Acetamide	0.1
60-51-5	Dimethoate	1.0
61-82-5	Amitrole	0.1
62-53-3	Aniline	1.0
62-55-5	Thioacetamide	0.1
62-56-6	Thiourea	0.1
62-73-7	Dichlorvos	0.1
	[Phosphoric acid, 2,2-dichloroethenyl dimethyl ester]	
62-74-8	Sodium fluoroacetate	1.0
62-75-9	N-Nitrosodimethylamine	0.1
63-25-2	Carbaryl	1.0
	[1-Naphthalenol, methylcarbamate]	

CAS Number	Chemical Name	De minimis % Limit
Arranged by CAS Number		
64-18-6	Formic acid	1.0
64-67-5	Diethyl sulfate	0.1
64-75-5	Tetracycline hydrochloride	1.0
67-56-1	Methanol	1.0
67-63-0	Isopropyl alcohol	1.0
	(only persons who manufacture by the strong acid process are subject, no supplier notification)	
67-66-3	Chloroform	0.1
67-72-1	Hexachloroethane	0.1
68-12-2	N,N-Dimethylformamide	1.0
68-76-8	Triaziquone	1.0
	[2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl)-]	
70-30-4	Hexachlorophene	1.0
71-36-3	n-Butyl alcohol	1.0
71-43-2	Benzene	0.1
71-55-6	1,1,1-Trichloroethane (Methyl chloroform)	1.0
72-43-5	Methoxychlor	*
	[Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-]	
72-57-1	Trypan blue	0.1
74-83-9	Bromomethane (Methyl bromide)	1.0
74-85-1	Ethylene	1.0
74-87-3	Chloromethane (Methyl chloride)	1.0
74-88-4	Methyl iodide	1.0
74-90-8	Hydrogen cyanide	1.0
74-95-3	Methylene bromide	1.0
75-00-3	Chloroethane (Ethyl chloride)	1.0
75-01-4	Vinyl chloride	0.1
75-02-5	Vinyl fluoride	0.1
75-05-8	Acetonitrile	1.0
75-07-0	Acetaldehyde	0.1
75-09-2	Dichloromethane (Methylene chloride)	0.1
75-15-0	Carbon disulfide	1.0
75-21-8	Ethylene oxide	0.1
75-25-2	Bromoform (Tribromomethane)	1.0
75-27-4	Dichlorobromomethane	0.1
75-34-3	Ethyldene dichloride	1.0
75-35-4	Vinylidene chloride	1.0
75-43-4	Dichlorofluoromethane (HCFC-21)	1.0
75-44-5	Phosgene	1.0
75-45-6	Chlorodifluoromethane (HCFC-22)	1.0
75-52-5	Nitromethane	0.1
75-55-8	Propyleneimine	0.1
75-56-9	Propylene oxide	0.1
75-63-8	Bromotrifluoromethane (Halon 1301)	1.0
75-65-0	tert-Butyl alcohol	1.0
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1.0
75-69-4	Trichlorofluoromethane (CFC-11)	1.0
75-71-8	Dichlorodifluoromethane	1.0

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	De minimis % Limit	CAS Number	Chemical Name	De minimis % Limit
Arranged by CAS Number			Arranged by CAS Number		
	(CFC-12)		87-86-5	Pentachlorophenol (PCP)	0.1
75-72-9	Chlorotrifluoromethane (CFC-13)	1.0	88-06-2	2,4,6-Trichlorophenol	0.1
75-86-5	2-Methyllactonitrile	1.0	88-75-5	2-Nitrophenol	1.0
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1.0	88-85-7	Dinitrobutyl phenol (Dinoseb)	1.0
76-01-7	Pentachloroethane	1.0	88-89-1	Picric acid	1.0
76-02-8	Trichloroacetyl chloride	1.0	90-04-0	o-Anisidine	0.1
76-06-2	Chloropicrin	1.0	90-43-7	2-Phenylphenol	1.0
76-13-1	Freon 113	1.0	90-94-8	Michler's ketone	0.1
	[Ethane, 1,1,2-trichloro-1,2,2-trifluoro-]		91-08-7	Toluene-2,6-diisocyanate	0.1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1.0	91-20-3	Naphthalene	0.1
76-15-3	Monochloropentafluoroethane (CFC-115)	1.0	91-22-5	Quinoline	1.0
76-44-8	Heptachlor	*	91-23-6	o-Nitroanisole	0.1
	[1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene]		91-59-8	beta-Naphthylamine	0.1
76-87-9	Triphenyltin hydroxide	1.0	91-94-1	3,3'-Dichlorobenzidine	0.1
77-09-8	Phenolphthalein	0.1	92-52-4	Biphenyl	1.0
77-47-4	Hexachlorocyclopentadiene	1.0	92-67-1	4-Aminobiphenyl	0.1
77-73-6	Dicyclopentadiene	1.0	92-87-5	Benzidine	0.1
77-78-1	Dimethyl sulfate	0.1	92-93-3	4-Nitrobiphenyl	0.1
78-48-8	S,S,S-Tributyltrithiophosphate (DEF)	1.0	93-15-2	Methyleugenol	0.1
78-79-5	Isoprene	0.1	93-65-2	Mecoprop	0.1
78-84-2	Isobutyraldehyde	1.0	94-11-1	2,4-D isopropyl ester	0.1
78-87-5	1,2-Dichloropropane	1.0	94-36-0	Benzoyl peroxide	1.0
78-88-6	2,3-Dichloropropene	1.0	94-58-6	Dihydrosafrole	0.1
78-92-2	sec-Butyl alcohol	1.0	94-59-7	Safrole	0.1
79-00-5	1,1,2-Trichloroethane	1.0	94-74-6	Methoxone	0.1
79-01-6	Trichloroethylene	0.1		((4-Chloro-2-methylphenoxy) acetic acid) (MCPA)	
79-06-1	Acrylamide	0.1	94-75-7	2,4-D [Acetic acid, (2,4-dichlorophenoxy)-]	0.1
79-10-7	Acrylic acid	1.0	94-80-4	2,4-D butyl ester	0.1
79-11-8	Chloroacetic acid	1.0	94-82-6	2,4-DB	1.0
79-19-6	Thiosemicarbazide	1.0	95-47-6	o-Xylene	1.0
79-21-0	Peracetic acid	1.0	95-48-7	o-Cresol	1.0
79-22-1	Methyl chlorocarbonate	1.0	95-50-1	1,2-Dichlorobenzene	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	95-53-4	o-Toluidine	0.1
79-44-7	Dimethylcarbamyl chloride	0.1	95-54-5	1,2-Phenylenediamine	1.0
79-46-9	2-Nitropropane	0.1	95-63-6	1,2,4-Trimethylbenzene	1.0
79-94-7	Tetrabromobisphenol A	*	95-69-2	p-Chloro-o-toluidine	0.1
80-05-7	4,4'-Isopropylidenediphenol	1.0	95-80-7	2,4-Diaminotoluene	0.1
80-15-9	Cumene hydroperoxide	1.0	95-95-4	2,4,5-Trichlorophenol	1.0
80-62-6	Methyl methacrylate	1.0	96-09-3	Styrene oxide	0.1
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1.0	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.1
			96-18-4	1,2,3-Trichloropropane	0.1
			96-33-3	Methyl acrylate	1.0
			96-45-7	Ethylene thiourea	0.1
			97-23-4	Dichlorophene	1.0
81-49-2	1-Amino-2,4-dibromoanthraquinone	0.1		[2,2'-Methylenebis(4-chlorophenol)]	
81-88-9	C.I. Food Red 15	1.0	97-56-3	C.I. Solvent Yellow 3	0.1
82-28-0	1-Amino-2-methylanthraquinone	0.1	98-07-7	Benzoic trichloride (Benzotrichloride)	0.1
82-68-8	Quintozone	1.0	98-82-8	Cumene	1.0
	[Pentachloronitrobenzene]		98-86-2	Acetophenone	1.0
84-74-2	Dibutyl phthalate	1.0	98-87-3	Benzal chloride	1.0
85-01-8	Phenanthren	1.0	98-88-4	Benzoyl chloride	1.0
85-44-9	Phthalic anhydride	1.0	98-95-3	Nitrobenzene	0.1
86-30-6	N-Nitrosodiphenylamine	1.0	99-30-9	Dichloran [2,6-Dichloro-4-nitroaniline]	1.0
87-62-7	2,6-Xylylidine	0.1			
87-68-3	Hexachloro-1,3-butadiene	1.0			

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	De minimis % Limit	CAS Number	Chemical Name	De minimis % Limit
Arranged by CAS Number		Arranged by CAS Number			
99-55-8	5-Nitro-o-toluidine	1.0	110-00-9	Furan	0.1
99-59-2	5-Nitro-o-anisidine	1.0	110-54-3	n-Hexane	1.0
99-65-0	m-Dinitrobenzene	1.0	110-57-6	trans-1,4-Dichloro-2-butene	1.0
100-01-6	p-Nitroaniline	1.0	110-80-5	2-Ethoxyethanol	1.0
100-02-7	4-Nitrophenol	1.0	110-82-7	Cyclohexane	1.0
100-25-4	p-Dinitrobenzene	1.0	110-86-1	Pyridine	1.0
100-41-4	Ethylbenzene	0.1	111-42-2	Diethanolamine	1.0
100-42-5	Styrene	0.1	111-44-4	Bis(2-chloroethyl) ether	1.0
100-44-7	Benzyl chloride	1.0	111-91-1	Bis(2-chloroethoxy) methane	1.0
100-75-4	N-Nitrosopiperidine	0.1	114-26-1	Propoxur	1.0
101-05-3	Anilazine	1.0		[Phenol, 2-(1-methylethoxy)-, methylcarbamate]	
	[4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine]		115-07-1	Propylene (Propene)	1.0
101-14-4	4,4'-Methylenebis(2-chloroaniline) (MBOCA)	0.1	115-28-6	Chlorendic acid	0.1
101-61-1	4,4'-Methylenebis(N,N-dimethyl)benzenamine	0.1	115-32-2	Dicofol	1.0
101-77-9	4,4'-Methylenedianiline	0.1	116-06-3	[Benzenemethanol, 4-chloro-.alpha.-4-(chlorophenyl)-.alpha.-(trichloromethyl)-]	
101-80-4	4,4'-Diaminodiphenyl ether	0.1	116-14-3	Aldicarb	1.0
101-90-6	Diglycidyl resorcinol ether	0.1	117-79-3	Tetrafluoroethylene	0.1
104-12-1	p-Chlorophenyl isocyanate	1.0	117-81-7	2-Aminoanthraquinone	0.1
104-94-9	p-Anisidine	1.0	118-74-1	Di(2-ethylhexyl) phthalate	0.1
105-67-9	2,4-Dimethylphenol	1.0	119-90-4	Hexachlorobenzene	*
106-42-3	p-Xylene	1.0	119-93-7	3,3'-Dimethoxybenzidine	0.1
106-44-5	p-Cresol	1.0		3,3'-Dimethylbenzidine (o-Tolidine)	0.1
106-46-7	1,4-Dichlorobenzene	0.1	120-12-7	Anthracene	1.0
106-47-8	p-Chloroaniline	0.1	120-36-5	2,4-DP	0.1
106-50-3	p-Phenylenediamine	1.0	120-58-1	Isosafrole	1.0
106-51-4	Quinone	1.0	120-71-8	p-Cresidine	0.1
106-88-7	1,2-Butylene oxide	0.1	120-80-9	Catechol	0.1
106-89-8	Epichlorohydrin	0.1	120-82-1	1,2,4-Trichlorobenzene	1.0
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1	120-83-2	2,4-Dichlorophenol	1.0
106-99-0	1,3-Butadiene	0.1	121-14-2	2,4-Dinitrotoluene	0.1
107-02-8	Acrolein	1.0	121-44-8	Triethylamine	1.0
107-05-1	Allyl chloride	1.0	121-69-7	N,N-Dimethylaniline	1.0
107-06-2	1,2-Dichloroethane (Ethylene dichloride)	0.1	121-75-5	Malathion	1.0
107-11-9	Allylamine	1.0	122-34-9	Simazine	1.0
107-13-1	Acrylonitrile	0.1	122-39-4	Diphenylamine	1.0
107-18-6	Allyl alcohol	1.0	122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)	0.1
107-19-7	Propargyl alcohol	1.0	123-31-9	Hydroquinone	1.0
107-21-1	Ethylene glycol	1.0	123-38-6	Propionaldehyde	1.0
107-30-2	Chloromethyl methyl ether	0.1	123-63-7	Paraldehyde	1.0
108-05-4	Vinyl acetate	0.1	123-72-8	Butyraldehyde	1.0
108-10-1	Methyl isobutyl ketone	1.0	123-91-1	1,4-Dioxane	0.1
108-31-6	Maleic anhydride	1.0	124-40-3	Dimethylamine	1.0
108-38-3	m-Xylene	1.0	124-73-2	Dibromotetrafluoroethane (Halon 2402)	1.0
108-39-4	m-Cresol	1.0	126-72-7	Tris(2,3-dibromopropyl) phosphate	0.1
108-45-2	1,3-Phenylenediamine	1.0	126-98-7	Methacrylonitrile	1.0
108-60-1	Bis(2-chloro-1-methylethyl) ether	1.0	126-99-8	Chloroprene	0.1
108-88-3	Toluene	1.0	127-18-4	Tetrachloroethylene (Perchloroethylene)	0.1
108-90-7	Chlorobenzene	1.0	128-03-0	Potassium	1.0
108-93-0	Cyclohexanol	1.0	128-04-1	dimethyldithiocarbamate	
108-95-2	Phenol	1.0	128-66-5	Sodium dimethyldithiocarbamate	1.0
109-06-8	2-Methylpyridine	1.0		C.I. Vat Yellow 4	1.0
109-77-3	Malononitrile	1.0			
109-86-4	2-Methoxyethanol	1.0			

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	De minimis	De minimis
		% Limit	
<i>Arranged by CAS Number</i>			
131-11-3	Dimethyl phthalate	1.0	334-88-3
131-52-2	Sodium pentachlorophenate	1.0	353-59-3
132-27-4	Sodium o-phenylphenoxyde	0.1	(Halon 1211)
132-64-9	Dibenzofuran	1.0	354-11-0
133-06-2	Captan	1.0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)
	[1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]		354-14-3
133-07-3	Folpet	1.0	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)
133-90-4	Chloramben	1.0	354-23-4
	[Benzoic acid, 3-amino-2,5-dichloro-]		1,2-Dichloro-1,1,2-
134-29-2	o-Anisidine hydrochloride	0.1	trifluoroethane (HCFC-123a)
134-32-7	alpha-Naphthylamine	0.1	354-25-6
135-20-6	Cupferron	0.1	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)
	[Benzeneamine, N-hydroxy-N-nitroso, ammonium salt]		Brucine
136-45-8	Dipropyl isocinchomeronate	1.0	422-44-6
137-26-8	Thiram	1.0	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)
137-41-7	Potassium N-methyldithiocarbamate	1.0	422-48-0
137-42-8	Metham sodium (Sodium methyldithiocarbamate)	1.0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)
138-93-2	Disodium cyanodithioimidocarbonate	1.0	422-56-0
139-13-9	Nitrilotriacetic acid	0.1	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)
139-65-1	4,4'-Thiodianiline	0.1	431-86-7
140-88-5	Ethyl acrylate	0.1	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)
141-32-2	Butyl acrylate	1.0	460-35-5
142-59-6	Nabam	1.0	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)
148-79-8	Thiabendazole	1.0	Carbonyl sulfide
	[2-(4-Thiazolyl)-1H-benzimidazole]		Isodrin
149-30-4	2-Mercaptobenzothiazole (MBT)	1.0	C.I. Solvent Yellow 34
150-50-5	Merphos	1.0	(Auramine)
150-68-5	Monuron	1.0	Mustard gas
151-56-4	Ethyleneimine (Aziridine)	0.1	[Ethane, 1,1'-thiobis[2-chloro-]
156-10-5	p-Nitrosodiphenylamine	1.0	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)
156-62-7	Calcium cyanamide	1.0	Tetranitromethane
191-24-2	Benzo(g,h,i)perylene	*	510-15-6
298-00-0	Methyl parathion	1.0	Chlorobenzilate
300-76-5	Naled	1.0	[Benzeneacetic acid, 4-chloro-.alpha.-(4-chlorophenyl)-.alpha.-hydroxy-, ethyl ester]
301-12-2	Oxydemeton methyl	1.0	o-Dinitrobenzene
	[S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid]		2-Chloroacetophenone
302-01-2	Hydrazine	0.1	528-29-0
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1.0	532-27-4
309-00-2	Aldrin	*	533-74-4
	[1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha.,8a.beta.)-]		Dazomet
314-40-9	Bromacil	1.0	(Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione)
	(5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-pyrimidinedione)		534-52-1
319-84-6	alpha-Hexachlorocyclohexane	0.1	4,6-Dinitro-o-cresol
330-54-1	Diuron	1.0	1,2-Dichloroethylene
330-55-2	Linuron	1.0	540-59-0
333-41-5	Diazinon	1.0	Ethyl chloroformate
			541-41-3
			541-53-7
			2,4-Dithiobiuret
			541-73-1
			1,3-Dichlorobenzene
			542-75-6
			1,3-Dichloropropylene
			542-76-7
			3-Chloropropionitrile
			542-88-1
			Bis(chloromethyl) ether
			554-13-2
			Lithium carbonate
			556-52-5
			Glycidol
			556-61-6
			Methyl isothiocyanate
			[Isothiocyanatomethane]
			563-47-3
			3-Chloro-2-methyl-1-propene
			569-64-2
			C.I. Basic Green 4
			584-84-9
			Toluene-2,4-diisocyanate
			593-60-2
			Vinyl bromide
			594-42-3
			Perchloromethyl mercaptan
			606-20-2
			2,6-Dinitrotoluene

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name	<i>De minimis</i>	<i>De minimis</i>
		% Limit	
<i>Arranged by CAS Number</i>			
608-93-5	Pentachlorobenzene	*	dipropyl-4-(trifluoromethyl)-]
612-82-8	3,3'-Dimethylbenzidine dihydrochloride (o-Tolidine dihydrochloride)	0.1	Methyl tert-butyl ether
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)
615-05-4	2,4-Diaminoanisole	0.1	Bromoxynil (3,5-Dibromo-4-hydroxybenzonitrile)
615-28-1	1,2-Phenylenediamine dihydrochloride	1.0	Bromoxynil octanoate (Octanoic acid, 2,6-dibromo-4-cyanophenyl ester)
621-64-7	N-Nitrosodi-n-propylamine	0.1	1,1-Dichloro-1-fluoroethane (HCFC-141b)
624-18-0	1,4-Phenylenediamine dihydrochloride	1.0	Nitrofen
624-83-9	Methyl isocyanate	1.0	[Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-]
630-20-6	1,1,1,2-Tetrachloroethane	1.0	1861-40-1 Benfluralin
636-21-5	o-Tolidine hydrochloride	0.1	(N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine)
639-58-7	Triphenyltin chloride	1.0	1897-45-6 Chlorothalonil
680-31-9	Hexamethylphosphoramide	0.1	[1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-]
684-93-5	N-Nitroso-N-methylurea	0.1	1910-42-5 Paraquat dichloride
709-98-8	Propanil (N-(3,4-Dichlorophenyl)propanamide)	1.0	1912-24-9 Atrazine
759-73-9	N-Nitroso-N-ethylurea	0.1	(6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine)
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	1.0	1918-00-9 Dicamba
764-41-0	1,4-Dichloro-2-butene	1.0	(3,6-Dichloro-2-methoxybenzoic acid)
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1.0	1918-02-1 Picloram
834-12-8	Ametryn (N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine)	1.0	1918-16-7 Propachlor
842-07-9	C.I. Solvent Yellow 14	1.0	[2-Chloro-N-(1-methylethyl)-N-phenylacetamide]
872-50-4	N-Methyl-2-pyrrolidone	1.0	1928-43-4 2,4-D 2-ethylhexyl ester
924-16-3	N-Nitrosodi-n-butylamine	0.1	1929-73-3 2,4-D butoxyethyl ester
924-42-5	N-Methylolacrylamide	1.0	1929-82-4 Nitrapyrin
957-51-7	Diphenamid	1.0	(2-Chloro-6-(trichloromethyl)pyridine)
961-11-5	Tetrachlorvinphos	1.0	C.I. Direct Black 38
989-38-8	[Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)ethenyldimethyl ester]		1982-69-0 Sodium dicamba
1114-71-2	C.I. Basic Red 1	1.0	[3,6-Dichloro-2-methoxybenzoic acid, sodium salt]
1120-71-4	Pebulate	1.0	1983-10-4 Tributyltin fluoride
1134-23-2	[Butylethylcarbamothioic acid S-propyl ester]		2032-65-7 Methiocarb
1163-19-5	Propane sultone	0.1	2155-70-6 Tributyltin methacrylate
1313-27-5	Cycloate	1.0	2164-07-0 Dipotassium endothall
1314-20-1	Decabromodiphenyl oxide	1.0	[7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt]
1319-77-3	Molybdenum trioxide	1.0	2164-17-2 Fluometuron
1320-18-9	Thorium dioxide	1.0	[Urea, N,N-dimethyl-N'-(3-(trifluoromethyl)phenyl)-]
1330-20-7	Cresol (mixed isomers)	1.0	2212-67-1 Molinate
1332-21-4	2,4-D propylene glycol butyl ether ester	0.1	(1H-Azepine-1-carbothioic acid, hexahydro-S-ethyl ester)
1335-87-1	Xylene (mixed isomers)	1.0	2234-13-1 Octachloronaphthalene
1336-36-3	Asbestos (friable)	0.1	2300-66-5 Dimethylamine dicamba
1344-28-1	Hexachloronaphthalene	1.0	
1464-53-5	Polychlorinated biphenyls (PCBs)	*	2303-16-4 Diallate
1563-66-2	Aluminum oxide (fibrous forms)	1.0	[Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester]
1582-09-8	Diepoxybutane	0.1	2303-17-5 Triallate
	Carbofuran	1.0	2312-35-8 Propargite
	Trifluralin	*	
	[Benezeneamine, 2,6-dinitro-N,N-		

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name <i>Arranged by CAS Number</i>	<i>De minimis</i> % Limit	
		CAS Number	Chemical Name <i>Arranged by CAS Number</i>
2439-01-2	Chinomethionat [6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one]	1.0	7440-62-2 Vanadium (except when contained in an alloy)
2439-10-3	Dodine [Dodecylguanidine monoacetate]	1.0	7440-66-6 Zinc (fume or dust)
2524-03-0	Dimethyl chlorothiophosphate	1.0	7550-45-0 Titanium tetrachloride
2602-46-2	C.I. Direct Blue 6	0.1	7632-00-0 Sodium nitrite
2655-15-4	2,3,5-Trimethylphenyl methyl carbamate	1.0	7637-07-2 Boron trifluoride
2699-79-8	Sulfuryl fluoride (Vikane)	1.0	7647-01-0 Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)
2702-72-9	2,4-D sodium salt	0.1	7664-39-3 Hydrogen fluoride
2832-40-8	C.I. Disperse Yellow 3	1.0	7664-41-7 Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1.0	7664-93-9 Sulfuric acid
2971-38-2	2,4-D Chlorocrotyl ester	0.1	7696-12-0 Tetramethrin
3118-97-6	C.I. Solvent Orange 7	1.0	
3296-90-0	2,2-bis(Bromomethyl)-1,3-propanediol	0.1	[2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isindol-2-yl)methyl ester]
3383-96-8	Temephos	1.0	Nitric acid
3653-48-3	Methoxone sodium salt ((4-Chloro-2-methylphenoxy) acetate sodium salt)	0.1	7697-37-2 Phosphorus (yellow or white)
3761-53-3	C.I. Food Red 5	0.1	7723-14-0 Bromine
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1.0	7726-95-6 Potassium bromate
4170-30-3	Crotonaldehyde	1.0	7758-01-2 Fluorine
4549-40-0	N-Nitrosomethylvinylamine	0.1	7782-41-4 Selenium
4680-78-8	C.I. Acid Green 3	1.0	7782-49-2 Chlorine
5234-68-4	Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	1.0	7782-50-5 Mevinphos
5598-13-0	Chlorpyrifos methyl [O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate]	1.0	7786-34-7 Phosphine
5902-51-2	Terbacil [5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione]	1.0	8001-35-2 Toxaphene
6459-94-5	C.I. Acid Red 114	0.1	8001-58-9 Creosote
7287-19-6	Prometryn	1.0	9006-42-2 Metiram
	[N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine]		10028-15-6 Ozone
7429-90-5	Aluminum (fume or dust)	1.0	10034-93-2 Hydrazine sulfate
7439-92-1	Lead (when lead is contained in stainless steel, brass or bronze alloys the <i>de minimis</i> level is 0.1)	*	10049-04-4 Chlorine dioxide
			10061-02-6 trans-1,3-Dichloropropene
7439-96-5	Manganese	1.0	10294-34-5 Boron trichloride
7439-97-6	Mercury	*	10453-86-8 Resmethrin
7440-02-0	Nickel	0.1	12122-67-7 [[5-(Phenylmethyl)-3-furanyl]methyl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate]]
7440-22-4	Silver	1.0	Zineb
7440-28-0	Thallium	1.0	12427-38-2 [Carbamodithioic acid, 1,2-ethanediylbis-, zinc complex]
7440-36-0	Antimony	1.0	Maneb
7440-38-2	Arsenic	0.1	13194-48-4 [Carbamodithioic acid, 1,2-ethanediylbis-, manganese complex]
7440-39-3	Barium	1.0	Ethoprop
7440-41-7	Beryllium	0.1	[Phosphorodithioic acid O-ethyl S,S-dipropyl ester]
7440-43-9	Cadmium	0.1	13356-08-6 Fenbutatin oxide
7440-47-3	Chromium	1.0	(Hexakis(2-methyl-2-phenylpropyl)
7440-48-4	Cobalt	0.1	
7440-50-8	Copper	1.0	

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name Arranged by CAS Number	De minimis % Limit	CAS Number	Chemical Name Arranged by CAS Number	De minimis % Limit
13463-40-6	distannoxane)		28057-48-9	d-trans-Allethrin	1.0
13474-88-9	Iron pentacarbonyl	1.0		[d-trans-Chrysanthemic acid of d-allethrone]	
13684-56-5	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1.0	28249-77-6	Thiobencarb	1.0
14484-64-1	Desmedipham	1.0		[Carbamic acid, diethylthio-, S-(p-chlorobenzyl)ester]	
15972-60-8	Ferbam	1.0	28407-37-6	C.I. Direct Blue 218	1.0
16071-86-6	[Tris(dimethylcarbamodithioato-S,S')iron]		29082-74-4	Octachlorostyrene	*
16543-55-8	Alachlor	1.0	29232-93-7	Pirimiphos methyl	1.0
17804-35-2	C.I. Direct Brown 95	0.1		[O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethylphosphorothioate]	
19044-88-3	N-Nitrosonornicotine	0.1	30560-19-1	Acephate	1.0
	Benomyl	1.0		(Acetylphosphoramidothioic acid O,S-dimethyl ester)	
	Oryzalin	1.0	31218-83-4	Propetamphos	1.0
19666-30-9	[4-(Dipropylamino)-3,5-dinitrobenzenesulfonamide]	1.0		[3-[(Ethylamino)methoxyphosphinothioyl]oxy]-2-butenoic acid, 1-methylethyl ester]	
	Oxydiazon		33089-61-1	Amitraz	1.0
	[3-[2,4-Dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one]		34014-18-1	Tebuthiuron	1.0
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride)	0.1		[N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea]	
20354-26-1	Methazole	1.0	34077-87-7	Dichlorotrifluoroethane	1.0
	[2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione]		35367-38-5	Diflubenzuron	1.0
20816-12-0	Osmium tetroxide	1.0	35400-43-2	Sulprofos	1.0
20859-73-8	Aluminum phosphide	1.0		[O-Ethyl O-[4-(methylthio)phenyl]phosphorodithioic acid S-propyl ester]	
21087-64-9	Metribuzin	1.0	35554-44-0	Imazalil	1.0
21725-46-2	Cyanazine	1.0		[1-[2-(2,4-Dichlorophenyl)-2-(2-propenoxy)ethyl]-1H-imidazole]	
22781-23-3	Bendiocarb	1.0	35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1.0
	[2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate]		38727-55-8	Diethyltyl ethyl	1.0
23564-05-8	Thiophanate methyl	1.0	39156-41-7	2,4-Diaminoanisole sulfate	0.1
23564-06-9	Thiophanate ethyl	1.0	39300-45-3	Dinocap	1.0
	[[1,2-Phenylenebis(iminocarbonothioyl)]biscarbamic acid diethyl ester]		39515-41-8	Fenpropathrin	1.0
23950-58-5	Pronamide	1.0		[2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester]	
25311-71-1	Isofenphos	1.0	40487-42-1	Pendimethalin	*
	[2-[[Ethoxyl[(1-methylethyl)-amino]phosphinothioyl]oxy]benzoic acid 1-methylethyl ester]			[N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine]	
25321-14-6	Dinitrotoluene (mixed isomers)	1.0	41198-08-7	Profenos	1.0
25321-22-6	Dichlorobenzene (mixed isomers)	0.1		[O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate]	
25376-45-8	Diaminotoluene (mixed isomers)	0.1	41766-75-0	3,3'-Dimethylbenzidine	0.1
26002-80-2	Phenothrin	1.0		dihydrofluoride (o-Tolidinedihydrofluoride)	
	[2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester]		42874-03-3	Oxyfluorfen	1.0
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1	43121-43-3	Triadimefon	1.0
26628-22-8	Sodium azide	1.0		[1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone]	
26644-46-2	Triforine	1.0	50471-44-8	Vinclozolin	1.0
	[N,N'-(1,4-Piperazinediylbis(2,2,2-trichloroethylidene)]bisformamide]			[3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione]	
27314-13-2	Norflurazon	1.0	51235-04-2	Hexazinone	1.0
	[4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone]		51338-27-3	Diclofop methyl	1.0

Table II. EPCRA Section 313 Chemical List – RY2011

CAS Number	Chemical Name Arranged by CAS Number	De minimis % Limit	CAS Number	Chemical Name Arranged by CAS Number	De minimis % Limit
51630-58-1	[2-[4-(2,4-Dichlorophenoxy)-phenoxy]propanoic acid, methyl ester] Fenvalerate	1.0	69409-94-5	ester] Fluvalinate	1.0
52645-53-1	[4-Chloro-alpha-(1-methylethyl)-benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester] Permethrin	1.0	69806-50-4	[N-[2-Chloro-4-(trifluoromethyl)phenyl]DL-valine(+)cyano(3-phenoxyphenyl)methyl ester] Fluazifop butyl	1.0
53404-19-6	[3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxyphenyl)methyl ester] Bromacil, lithium salt	1.0	71751-41-2	[2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid, butyl ester] Abamectin [Avermectin B1]	1.0
53404-37-8	[2,4(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt] 2,4-D 2-ethyl-4-methylpentyl ester	0.1	72178-02-0	[5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl)-2-nitrobenzamide] Fenoxy carb	1.0
53404-60-7	Dazomet, sodium salt [Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium]	1.0	72490-01-8	[[2-(4-Phenoxy phenoxy)ethyl]carbamic acid ethyl ester] Sethoxydim	1.0
55290-64-7	Dimethipin [2,3-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide]	1.0	74051-80-2	[2-[1-(Ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxyl-2-cyclohexen-1-one] Quizalofop-ethyl	1.0
55406-53-6	3-Iodo-2-propynyl butyl carbamate	1.0	76578-14-8	[2-[4-[(6-Chloro-2-quinoxalinyl)oxy]phenoxy]propanoic acid ethyl ester] Lactofen	1.0
57213-69-1	Triclopyr triethylammonium salt	1.0	77501-63-4	[Benzoic acid, 5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, 2-ethoxy-1-methyl-2-oxoethyl ester] Bifenthrin	1.0
59669-26-0	Thiodicarb	1.0	82657-04-3	Myclobutanil	1.0
60168-88-9	Fenarimol .alpha.-(2-Chlorophenyl)-.alpha.-(4-chlorophenyl)-5-pyrimidinemethanol]	1.0	88671-89-0	[.alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile] Dichloro-1,1,2-trifluoroethane	1.0
60207-90-1	Propiconazole [1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl-1H-1,2,4,-triazole]	1.0	90454-18-5	Acifluorfen, sodium salt [5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt] Chlorimuron ethyl	1.0
62476-59-9	Chlorotetrafluoroethane	1.0	90982-32-4	[Ethyl-2-[[[[4-chloro-6-methoxyprimidin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate] Tribenuron methyl	1.0
63938-10-3	Chlorsulfuron	1.0	101200-48-0	[2-[[[[4-Methoxy-6-methyl-1,3,5-triazin-2-yl)methylamino]carbonyl]amino]sulfonyl]benzoic acid methyl ester] 1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1.0
64902-72-3	[2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] benzenesulfonamide]	1.0	111512-56-2	3,3'-Dimethoxybenzidine hydrochloride (o-Dianisidine hydrochloride) Dichloropentafluoropropane	0.1
64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1	111984-09-9	2,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225aa)	1.0
66441-23-4	Fenoxyprop ethyl [2-(4-((6-Chloro-2-benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester]	1.0	127564-92-5	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1.0
67485-29-4	Hydramethylnon [Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone]	1.0	128903-21-9		
68085-85-8	Cyhalothrin [3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl) methyl ester]	1.0	136013-79-1		
68359-37-5	Cyfluthrin [3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl) methyl	1.0			

c. Chemical Categories

Section 313 requires reporting on the EPCRA Section 313 chemical categories listed below, in addition to the specific EPCRA Section 313 chemicals listed above.

Table II. EPCRA Section 313 Chemical List – RY2011

The metal compound categories listed below, unless otherwise specified, are defined as including any unique chemical substance that contains the named metal (e.g., antimony, nickel, etc.) as part of that chemical's structure.

EPCRA Section 313 chemical categories are subject to the 1% *de minimis* concentration unless the substance involved meets the definition of an OSHA carcinogen in which case the 0.1% *de minimis* concentration applies. The *de minimis* concentration for each category is provided in parentheses. The *de minimis* exemption is not available for PBT chemicals, therefore an asterisk appears where a *de minimis* limit would otherwise appear. However, for purposes of the supplier notification requirement only, such limits are provided in Appendix D.

N010 Antimony Compounds (1.0)

Includes any unique chemical substance that contains antimony as part of that chemical's infrastructure.

N020 Arsenic Compounds (inorganic compounds: 0.1; organic compounds: 1.0)

Includes any unique chemical substance that contains arsenic as part of that chemical's infrastructure.

N040 Barium Compounds (1.0)

Includes any unique chemical substance that contains barium as part of that chemical's infrastructure. This category does not include:

Barium sulfate CAS Number 7727-43-7

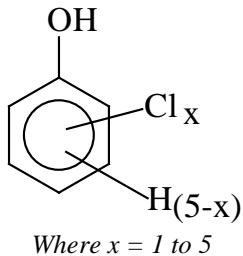
N050 Beryllium Compounds (0.1)

Includes any unique chemical substance that contains beryllium as part of that chemical's infrastructure.

N078 Cadmium Compounds (0.1)

Includes any unique chemical substance that contains cadmium as part of that chemical's infrastructure.

N084 Chlorophenols (0.1)



N090 Chromium Compounds

(except for chromite ore mined in the Transvaal Region of South Africa and the unreacted ore component of the chromite ore processing residue (COPR). COPR is the solid waste remaining after aqueous extraction of oxidized chromite ore that has been combined with soda ash and kiln roasted at approximately 2,000 deg.F.)
(chromium VI compounds: 0.1; chromium III

compounds: 1.0)

Includes any unique chemical substance that contains chromium as part of that chemical's infrastructure.

N096 Cobalt Compounds (inorganic compounds: 0.1; organic compounds: 1.0)

Includes any unique chemical substance that contains cobalt as part of that chemical's infrastructure.

N100 Copper Compounds (1.0)

Includes any unique chemical substance that contains copper as part of that chemical's infrastructure. This category does not include copper phthalocyanine compounds that are substituted with only hydrogen, and/or chlorine, and/or bromine.

N106 Cyanide Compounds (1.0)

X^+CN^- where $X = H^+$ or any other group where a formal dissociation can be made. For example KCN or $Ca(CN)_2$.

N120 Diisocyanates (1.0)

This category includes only those chemicals listed below.

38661-72-2	1,3-Bis(methylisocyanate) - cyclohexane
10347-54-3	1,4-Bis(methylisocyanate)-cyclohexane
2556-36-7	1,4-Cyclohexane diisocyanate
134190-37-7	Diethyldiisocyanatobenzene
4128-73-8	4,4'-Diisocyanatodiphenyl ether
75790-87-3	2,4'-Diisocyanatodiphenyl sulfide
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate
139-25-3	3,3'-Dimethyldiphenyl methane-4,4'-diisocyanate
822-06-0	Hexamethylene-1,6-diisocyanate
4098-71-9	Isophorone diisocyanate
75790-84-0	4-Methyldiphenylmethane-3,4-diisocyanate
5124-30-1	1,1-Methylenebis(4-isocyanatocyclohexane)
101-68-8	Methylenebis(phenylisocyanate) (MDI)
3173-72-6	1,5-Naphthalene diisocyanate
123-61-5	1,3-Phenylene diisocyanate
104-49-4	1,4-Phenylene diisocyanate
9016-87-9	Polymeric diphenylmethane diisocyanate
16938-22-0	2,2,4-Trimethylhexamethylene diisocyanate

Table II. EPCRA Section 313 Chemical List – RY2011

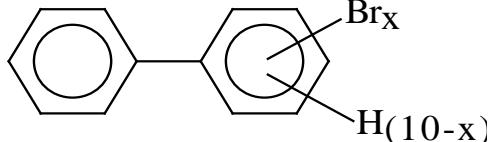
15646-96-5	2,4,4-Trimethylhexamethylene diisocyanate	N230 Certain Glycol Ethers (1.0) R-(OCH ₂ CH ₂) _n -OR' where n = 1, 2, or 3 R = alkyl C7 or less; or R = phenyl or alkyl substituted phenyl; R' = H, or alkyl C7 or less; or OR= consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.
N150	Dioxin and Dioxin-Like Compounds (Manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacturing of that chemical.) (*) This category includes only those chemicals listed below. [Note: When completing the Form R Schedule 1, enter the data for each member of the category in the order they are listed here (i.e., 1-17).]	
1	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin
2	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin
3	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin
4	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin
5	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
6	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
7	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin
8	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran
9	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran
10	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran
11	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran
12	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran
13	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran
14	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran
15	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran
16	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran
17	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran
N171	Ethylenebisdithiocarbamic acid, salts and esters EBDCs) (1.0) <i>Includes any unique chemical substance that contains an EBDC or an EBDC salt as part of that chemical's infrastructure.</i>	N420 Lead Compounds (*) <i>Includes any unique chemical substance that contains lead as part of that chemical's infrastructure.</i>
		N450 Manganese Compounds (1.0) <i>Includes any unique chemical substance that contains manganese as part of that chemical's infrastructure.</i>
		N458 Mercury Compounds (*) <i>Includes any unique chemical substance that contains mercury as part of that chemical's infrastructure.</i>
		N495 Nickel Compounds (0.1) <i>Includes any unique chemical substance that contains nickel as part of that chemical's infrastructure.</i>
		N503 Nicotine and salts (1.0) <i>Includes any unique chemical substance that contains nicotine or a nicotine salt as part of that chemical's infrastructure.</i>
		N511 Nitrate compounds (water dissociable; reportable only when in aqueous solution) (1.0)
		 <p>Where x = 1 to 10</p>
		N575 Polybrominated Biphenyls (PBBs) (0.1)
		N583 Polychlorinated alkanes (C₁₀ to C₁₃) (1.0, except for those members of the category that have an average chain length of 12 carbons and contain an average chlorine content of 60% by weight which are subject to the 0.1% de minimis)
		$C_xH_{2x+2-y}Cl_y$ where x = 10 to 13; y = 3 to 12; and the average chlorine content ranges from 40 to 70% with the limiting molecular formulas C ₁₀ H ₁₉ Cl ₃ and C ₁₃ H ₁₆ Cl ₁₂

Table II. EPCRA Section 313 Chemical List – RY2011

N590 Polycyclic aromatic compounds (PACs) (*)
This category includes the chemicals listed below.

56-55-3	Benz(a)anthracene
205-99-2	Benzo(b)fluoranthene
205-82-3	Benzo(j)fluoranthene
207-08-9	Benzo(k)fluoranthene
206-44-0	Benzo(j,k)fluorene
189-55-9	Benzo(r,s,t)pentaphene
218-01-9	Benzo(a)phenanthrene
50-32-8	Benzo(a)pyrene
226-36-8	Dibenz(a,h)acridine
224-42-0	Dibenz(a,j)acridine
53-70-3	Dibenzo(a,h)anthracene
194-59-2	7H-Dibenzo(c,g)carbazole
5385-75-1	Dibenzo(a,e)fluoranthene
192-65-4	Dibenzo(a,e)pyrene
189-64-0	Dibenzo(a,h)pyrene
191-30-0	Dibenzo(a,l)pyrene
57-97-6	7,12-Dimethylbenz(a)-anthracene
42397-64-8	1,6-Dinitropyrene
42397-65-9	1,8-Dinitropyrene
193-39-5	Indeno(1,2,3-cd)pyrene
56-49-5	3-Methylcholanthrene
3697-24-3	5-Methylchrysene
7496-02-8	6-Nitrochrysene
5522-43-0	1-Nitropyrene
57835-92-4	4-Nitropyrene

N725 Selenium Compounds (1.0)
Includes any unique chemical substance that contains selenium as part of that chemical's infrastructure.

N740 Silver Compounds (1.0)
Includes any unique chemical substance that contains silver as part of that chemical's infrastructure.

N746 Strychnine and salts (1.0)
Includes any unique chemical substance that contains strychnine or a strychnine salt as part of that chemical's infrastructure.

N760 Thallium Compounds (1.0)
Includes any unique chemical substance that contains thallium as part of that chemical's infrastructure.

N770 Vanadium Compounds (1.0)
Includes any unique chemical substance that contains vanadium as part of that chemical's infrastructure.

N874 Warfarin and salts (1.0)
Includes any unique chemical substance that contains warfarin or a warfarin salt as part of that chemical's infrastructure.

N982 Zinc Compounds (1.0)
Includes any unique chemical substance that contains zinc as part of that chemical's infrastructure.